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Substitute for form 2449A-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	10/781,805
Filing Date	February 20, 2004
First Named Inventor	Rajesh SUBBU et al.
Art Unit	3693
Examiner Name	Jared W. NEWTON
Attorney Docket Number	52493.000361

Sheet 1 of 7

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.		UMENT NUMBER - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
		US-	5126936	06-30-1992	Champion et al.	
		US-	5148365	09-15-1992	Dembo	
		US-	5195026	03-16-1993	Nonaka	
		US-	5202827	04-13-1993	Sober	
		US-	5210687	05-11-1993	Wolfberg	
		US	5347446	09-19-1994	lino	
	<u> </u>	US-	5351184	09-27-1994	Lu	
		US-	5550734	08-27-1996	Tarter	
		US-	5587897	12-24-1996	lida	
		US-	5590037	12-31-1996	Ryan	
		US-	5659667	08-19-1997	Buescher	
		US-	5682465	10-28-1997	Kil	
		US-	5704044	12-30-1997	Tarter	
		US-	5732397	03-24-1998	DeTore	
		US-	5784696	07-21-1998	Melinikoff	
	· · · · · · · · ·	US-	5799287	08-25-1998	Dembo	
		US-	5802500	09-01-1998	Ryan	
		US-	5875437	02-23-1999	Atkins	
	<u> </u>	US-	5884283	03-16-1999	Manos	
		US-	5884286	03-16-1999	Daughtery	
		US-	5884287	03-16-1999	Edesess	
		US-	5918217	06-29-1999	Maggioncalda	
		US-	5926792	07-20-1999	Koppes	
EXAMI	NER S	IGNATURE			DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

					U.	S. Patent and Tradema	rk Office; U.S	PTO/SB/08B (08/03) (modified DEPARTMENT OF COMMERCE
Substitu	Substitute for form 1449A-PTO				Applicat	ion Number	10/781,805	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					First Na	ned Inventor	Rajesh SUBBU et al. 3693	
					Art Unit			
					Examiner Name		Jared W. NEWTON	
Sheet		2 of 7			Attorney Docket Number		52493.00	0361
			U	.S. PAT	ENT DO	CUMENTS		
*Examiner	Cite No.		UMENT NUMBER - Kind Code (if known)		tion Date D-YYYY	Name of Paten Applicant of Cited I		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-	5930762	07-27	7-1999 Masch			
		US-	5991744	11-23	3-1999	DiCresc	е	
		US-	5999917	12-07-		Faccian	i	
		US-	6003018	12-14	1-1999	Michaud	j	
		US-	6018722	01-25	5-2000	Ray et a	1.	

US-	5999917	12-07-1999	Facciani	
 US-	6003018	12-14-1999	Michaud	
 US-	6018722	01-25-2000	Ray et al.	
US-	6032109	02-28-2000	Ishii	
US-	6049772	04-11-2000	Payne	
 US-	6078904	06-20-2000	Rebane	
 US-	6092050	07-18-2000	Lungren	
US-	6098051	08-01-2000	Lupien	
US-	6138102	10-24-2000	Hinckley	
US-	6161096	12-12-2000	Bell	
US-	6219649	04-17-2001	Jameson	
 US-	6240399	05-29-2001	Frank et al.	
US-	6275814	08-14-2001	Giasante et al.	
US-	6282520	08-28-2001	Schirripa	
 US-	6289296	09-11-2002	Umeno	
US-	6289508	09-11-2002	Erickson	
US-	6330541K	12-11-2001	Meyer	
US-	6336102	01-01-2002	Luskin et al.	
US-	6226103	01-01-2002	Baker	
US-	6351740	02-26-2002	Rabinowitz	
US-	6360191	03-19-2002	Koza et al.	
 - 1				

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitu	ite fo	r form 144	9A/PTO		Applicat	ion Number	10/781,80	05
INIT	-01		ION DISCLOS	LIDE	Filing Da	ate	February	20, 2004
	_		TION DISCLOS NT BY APPLIC		First Na	med Inventor	Rajesh SUBBU et al.	
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-			U	.S. PAT	ENT DO	CUMENTS		
*Examiner	Cite No.	1	DOCUMENT NUMBER nber - Kind Code (if known)		tion Date D-YYYY	Name of Paten Applicant of Cited I		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-	6373485	35 04-16		Sowizra	I	
		US-	6393409	05-21	1-2002	Young et	al.	
		US-	6405179	06-11	1-2002	Rebane		
		US-	6424952	07-23	3-2002	Yinbal		
		US-	6445391	09-23	3-2002	Sowizra	l	
		US-	6470321	10-22	2-2002	Cummin	g	
		US-	6601044	07-29	9-2003	Wallmar	1	
		US-	6611807	08-26	6-2003	Bernheir	n	
		US-	6684190	01-27	7-2004	Powers		
		US-	6735571	05-11	1-2004	Colema	า	
		US-	6735573	05-11	1-2004	Gelmar	1	
		US-	6895390	05-17	7-2005	Hagan		
		US-	7089206	08-08	3-2006	Martin		
	1	US-	20010014875	08-16	5-2001	Young et	al.	
		US-	20010051936	12-13	3-2001	Michalew	cz	
	1			1		9 .		

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US-

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20010055019

20020000986

20020002521

20020033835

20020038272

20020040307

20020049618

20020050990

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Sowizral

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McClure

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12-27-2001

01-03-2002

01-03-2002

03-21-2002

03-28-2002

04-04-2002

04-25-2002

05-02-2002

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitu	ıte fo	r form	1449A	/PTO		Applicat	ion Number	10/781,80	05
I INFORMATION DISCLOSURE \vdash						Filing Da	ate	February 20, 2004	
STATEMENT BY APPLICANT							med Inventor	Rajesh S	UBBU et al.
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				U	.S. PAT	ENT DO	CUMENTS		
*Examiner Initials	Cite No.			CUMENT NUMBER er - Kind Code (if known)	1	tion Date D-YYYY	Name of Paten Applicant of Cited I		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Ī	US-	20020059294	05-16-20	002	Bottarelli		
		Ţ	US-	20020082872	06-27-20	002	Aoki		
		Ū	US-	20020091605	07-11-20	002	Labe, Jr.		
		Į	US-	20020091613	07-11-20	002	Kendall		
		(US-	20020111780	08-15-20	002	Sy		
			US-	20020116158	08-22-20	002	Heching		
			US-	20020116309	08-22-20	002	Keyes		
		Ī	US-	20020123951	09-05-20	002	Olsen et al.		
		ı	US-	20020123953	09-05-20	002	Goldfarb		
			US-	20020128544	09-12-20	002	Diab		
			US-	20020129332	09-12-20	002	Svensson		
			US-	20020138299	09-26-20	002	Nations		
_			US-	20020138383	09-26-20	002	Rhee		
			US-	20020143682	10-03-20	002	Bergmann		
			US-	20020147671	10-10-20	002	Sloan et al.		
			US-	20030139993	07-24-20	003	Feuerverger		
			US-	20030144944	07-31-20	003	Kalt et al.		
			US-	BLANK					
			US-	BLANK					
			US-	BLANK					
			US-	20030191672	10-09-20	003	Kendall		
			US-	BLANK					
			US-	BLANK				···· <u>-</u>	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO					Applica	tion Number	10/781,805		
INFORMATION DISCLOSURE				Filing D	ate	February 20, 2004			
STATEMENT BY APPLICANT					First Named Inventor		Rajesh SUBBU et al.		
STATEMENT BY APPLICANT (use as many sheets as necessary)							3693		
					Examin	er Name	Jared W	. NEWTON	
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	Γ			,	LIVI DO	J		Pages, Columns, Lines,	
*Examiner Initials	Cite No.		DOCUMENT NUMBER nber - Kind Code (if known)	1	tion Date D-YYYY	Name of Paten Applicant of Cited I		Where Relevant Passages or Relevant Figures Appear	
		US-	20040059609	03-25-20	004	Chatlain			
		US-	20040078244	04-22-20	004	Katcher			
		US-	20040078248	04-22-20	004	Altschuler			
		US-	20040111278	06-10-20	004	Brown			
		US-	20040181479	09-16-20	004	Zosin et al.			
		US-	20040186804	09-23-2004		Chakraborty			
		US-	20040186814	09-23-20	004	Chalermkraivuth	<u>.</u>		
		US-	20040199448	10-07-20	004	Chalermkraivuth			
		US-	20040225536	11-11-20	004	Schoen			
		US-	20040243499	12-02-20	004	Bateson			
		US-	200500655250	03-10-20	005 Wolfgang				
		US-	20050091085	04-28-20	005	005 Colley			
		US-	20050154617	07-14-20	005	Ruggieri			
		US-	20050187844	08-25-20	005	Chalermikraivuth			
		US-	20050187845	08-25-20	002	Eklund et al.			
		US-	20050187846	08-25-20	005	Subbu et al.			
		US-	20050187847	08-25-20	005	Bonissone et al.	_		
		US-	20050187848	08-25-20	005	Bonissone et al.			
		US-	20050187849	08-25-20	005	Bollapragada et a	ıl.		
		US-	20020032585	03-14-20	002	Keyes			
		US-	* * * * * * * * * * * * * * * * * * * *						
		US-							
		US-							
EXAMI	NER	SIGNATI	JRE	1		DATE CONSIDER	RED		
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Substitute for form 1449-PTO						Ap	pplication Number	10/781,805			
INFORMATION DISCLOSURE		OLIDE.	Fil	ling Date	February 20, 2004						
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				REIGN PATENT DOCUMENT							
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*Examiner Initial	Cite No.			y Code Number-Kind Code (if known)	Publication D MM-DD-YY		Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	YES	NO	
			JP	7-85110 (Abstract)	03-031-199)5	Nobuaki	* .			
			JP	63-279301 (Abstract)	11-16-1988	3	Masahiro et al.				
			EP	0356191 A2	02-28-1990)	Freedman et al.				
			ΕP	0505087 A2	09-23-1992	2	Kumahora et al.				
			JP	6-95707 (Abstract)	04-08-1994		Minoru et al.				
			wo	95/25295	09-21-1995	i	Krist et al.				
			wo	96/18162	06-13-1996	5	Atkins				
			wo	98/13776	04-02-1998	·	Masch				
			wo	99/23592	05-14-1999)	Young et al.				
			wo	99/39290	08-05-1999		Pellegrinelli et al.				
			wo	99/49399	09-30-1999)	Lang				
			JP	2001-76057 (Abstract)	03-23-2001		Norio				
			wo	01/31481 A2	05-03-2001		Bullard et al.				
			wo	01/39005 A2	05-31-2001		Dembo et al.				
			wo	01/55890 A2	08-02-2001		Herschap et al.				
			wo	01/55939 A2	08-02-2001		Caruana et al.				
	ļ		wo	01/77872 A2	10-18-2001		Plumer et al.				
			wo	01/84355 A2	11-08-2001		Narang et al.				
			wo	01/93153 A1	12-06-2001		Seidel et al.				
EXAMI	NER	SIGI	NATURE			DATE CONSIDERED					
							itation is in conformance wit s form with next communicat		rough c	itation	

PTO/SB/08B (08/03) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

			Appli	cation Number	10/781,805					
Substitu	te for	form 1449-PTO	Filing) Date	February 20, 2004					
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	_	EMENT BY APPLICANT	Art U	nit	3693					
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Sheet		7 of 7	Attor	ney Docket Number	52493.000361					
		OTHER DOCUMENTS - NON	-PATE	NT LITERATURE	DOCUMENTS					
*Examiner	Cite No.	Include name of the author (in CAPITAL item (book, magazine, journal, serial, number(s), publishe	symposi	um, catalog, etc.), date, page	(s), volume-issue	TRANSL	ATION			
			number(s), publisher, city and-or country where published JPMorgan/Reuters RiskMetrics™ - Technical Documents Fourth Edition, Dec. 17, 1996							
		Jorge Mina & Andrew Ulmer Delta-Gamma Four Ways August 31, 1999								
		Stefan Pichler & Karl Selitsch A Compa That Include Options December 1999	Stefan Pichler & Karl Selitsch A Comparison of Analytical VaR Methodologies for Portfolios That Include Options December 1999							
		Jorge Mina & Jerry Yi Xiao return to Ris	skMetri	cs: The Evolution of a S	tandard April 2001					
	!	Eklund, Neil Holger White, Multiobjectiv approach, Rensselaer Polytechnic Insti International, 2002								
		Abbass, H.A., Sarker, R Newton, C, PD multi-ojective optimization problems, Pr Computation, volume 2, IEEE, May 27-	roceedi	ngs of the 2001 Congre						
		Ignizio, James, An Algorithm for Solving Its Dual, The Journal of the Operational 515								
		Masud, Abu, Interactive Sequential Goa Research Society, Vol. 32, No. 5 (May			f the Operational					
		Bellmore, M, Generalized Penalty funct research, Vol. 18, No. 2 (March-April 19		•	ptimization, Operations					
			Iwamura, K., Chances constrained integer Programming Models for Capital Budgeting in Fizzy Environments, The Journal of the Operational Research Society, Vol. 49, No. 8 (August 1998), pp. 854-860							
		Chossing the right filter for a decision s Section 0168, Part 0984 169 pages: [Pl	Iyer, Naresh Sundaram, "A family of dominance filters for mulitple criteria decision making: Chossing the right filter for a decision situation". Proquest Dissertations and Theises 2001. Section 0168, Part 0984 169 pages: [Ph.D. dissertation]. United States Ohio: The Ohio State University: 2001. Publication Number: AAT 3035522.							
EXAMI	NER :	SIGNATURE		DATE CONSIDERED						
*EXAM citation	INER if not	: Initial if reference considered, whether or in conformance and not considered. Include	r not cit	tation is in conformance of this form with next com	with MPEP 609. Draw munication to applicant.	line thr	ough			